

## FLEXOGRAPHIC SIMULATOR AND DIAGNOSTIC SYSTEM

### ABSTRACT OF THE DISCLOSURE

5 A flexographic printing press simulation application provides virtual control of various types of flexographic printing presses. Running on an industry standard personal computer, the simulation application allows a user to modify a wide variety of printing process parameters and view the printed results. Process parameters and values can be adjusted for each component of the printing press, as well as for the materials utilized. The print images generated by the simulator reflect the parameter changes as they happen, and can be compared to a "proof" in real time using built-in virtual diagnostic tools. A training module provides for the creation of training curricula based on a library of printing process problems.